Philips
LCD widescreen monitor

22" wide
WSXGA

220AW8FS

# Convenient embedded audio, Vista-ready widescreen

With high resolution, legible text size, a larger viewing area plus convenient built-in speakers, this ultra-slim Philips 220AW8 boosts your business productivity - and is ready for immediate or future upgrade to Windows Vista.

### Designed for maximum productivity
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling

### Best total cost of ownership solution
- Empowered for Windows Vista
- Complies with RoHS standards to care for the environment
- The lowest power consumption in the industry

### Outstanding front of screen performance
- WSXGA, wide format 1680x1050 resolution for sharper display
- 5ms fast response time
- DVI-D input and HDCP support

### Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Embedded power supply eliminates external power adaptors
- Built-in speakers for audio without desktop clutter

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA

# 220AW8FS/00

## Specifications

### Picture/Display
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 22" / 55.9 cm
- Effective viewing area: 474 x 296 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60Hz
- Recommended Resolution: 1680 x 1050 @ 60Hz
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 93 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Aspect ratio: 16:10
- sRGB

### Connectivity
- Signal Input: Analog (VGA), DVI-D, PC Audio in
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

### Convenience
- Convenience Enhancements: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm
- Built-in Audio: 1 W RMS x 2 Stereo Speakers

### Accessories
- Included Accessories: AC Power Cord, Audio Cable, VGA cable
- User Manual

### Dimensions
- Box dimensions (W x H x D): 565 x 174 x 472 mm
- Box dimensions in inch (W x H x D): 22.2 x 6.9 x 18.6 inch
- Set dimensions (W x H x D): 513.76 x 336.10 x 67.34 mm
- Set dimensions in inch (W x H x D): 20.2 x 13.2 x 2.7 inch
- Set dimensions with stand (W x H x D): 513.76 x 416.2 x 213.59 mm
- Set dimensions with stand in inch (W x H x D): 20.2 x 16.4 x 8.4 inch
- MTBF: 50,000 hrs
- Relative Humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 5.8 kg
- Product weight (+stand) (lb): 12.8 lb
- Weight incl. Packaging: 7.6 kg
- Weight incl. Packaging (lb): 16.8 lb

### Power
- Complies with: Energy Star
- Consumption: < 49 W
- Off Mode: < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Product highlights

**Widescreen**
*A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.*

**Large viewing area**
*Viewing area is the visible portion of a monitor screen available for displaying data.*

**Windows Vista ready**
*Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.*

**Compliant with RoHS standards**
*Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.*

**Lowest power consumption**
*Lower power consumption reduces the energy required to operate a device, saving its owner operating costs and conserving power.*

**WSXGA, wide format 1680x1050**
*Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.*

**5ms on/off response time**
*On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.*

**HDCP ready**
*High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.*

**Dual input**
*Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.*

**Embedded power supply**
*An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.*

**Built-in speakers**
*Audio speakers built into a display device.*

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